

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: ERM		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 20070201	Delivery Order #:06	Date: 2-1-2007
Weather: Partly Cloudy	Temp. (max & min): 50 - 68	Rainfall (in): 0
<p>Work performed today by ERM and subcontractors on site and/or off site:</p> <p>ERM, ICS, Jacob & Heffner, MK Environmental onsite at 0700 hours. Tailgate safety meeting at 0700 hours with crews. Safety topic today was housekeeping, slips trips and falls within treatment system building.</p> <p>No electrical work performed today (Jeffries not onsite).</p> <p>Environmental Remediation, Inc.(ERM) 6:15 AM ~ 4:30 PM (1 Supervisor+1 QA Supervisor) Neil Coy on site at 0615 hours. Supervised ICS/Jacob & Heffner and MK Environmental crews installing piping inside TC Building. Debbie Taege on site at 0810 to perform QA duties.</p> <p>MK Environmental, Inc. (MK) 0700 AM ~ 5:30 PM (1 Supervisor) 0700 hours Mark Garon on site. Worked on treatment equipment with ICS/ERM and J&H crew. Labeling and installing equipment ordered by MK. Built and installed site glasses for T-401/402 and site glass for T-101.</p> <p>Innovative Construction Solutions, Inc.(ICS) 6:50 AM ~ 3:00 PM (3 technicians) Jess Cuellar, John Roels, and Salvador on site at 0700 hours. Crew worked on piping inside the TC Building:</p> <ol style="list-style-type: none"> 1. Installed 8" schedule 80 CPVC, flange, 10' length of pipe from influent (from F-103/F-104) 2. Repositioned F-403/F-404 skid filters and piping installed previously to create more room for 8" fiberglass stack to be installed (B-301). 3. Completed piping for air compressor system with exception of silencer. 4. Sight glasses for T-401/T-402 installed. T-401 consists of 3" Sch 80 clear PVC, six 3" tees Sch 80 PVC, and four level indicators. For T-402, three 3" tees sch 80 PVC, one 3" sch 40 PVC cross, and two level indicators. 5. Sight glass for T-101 installed. Consists of 3" sch 80 clear PVC, four 3" sch 80 PVC tees, one 3" sch 80 PVC cross, and three level indicators. 6. Completed 3" piping from T-401/T-402 to FQI-201. Consisted of five 3" sch 80 PVC flanges, four 3" sch 80 PVC 90 deg elbows, and approximately 10' of 3" sch 80 PVC. 7. Completed groundwater manifold. Consists of: three 4" sch 80 PVC wyes, three 3" sch 80 PVC 45 deg elbows, and three 3"x4" sch 80 reducers. 8. Began construction of wellheads. Constructed the flange and piping in well vaults for DB-8 and DA-8. 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Jacob & Heffner 7:00 AM ~ 3:30 PM (2 technicians)

Stan Jackson and Sal Sanchez worked with the MK Environmental and ICS with pipefitting work detailed above. Also worked on construction of wellheads and associated piping in well vaults.

Quality Assurance/Quality Control Notes:

Continue QA of treatment system construction to date (plumbing/equipment). Slight modifications from P&ID observed and have been noted on redline dwgs.

Observed that gw GAC manifold only has 8 of the 12 ball valves per the P&ID. MK called carbon vessels vendor to discuss construction specs. They noted that there was a discussion with John Wingate (TN&A) about ball valve redundancy and that the as-built with 8 ball valves was approved by TN&A. Need to follow up with John to ensure proper design before ICS installs piping to the gw GAC unit manifold.

On-site conditions which resulted in delayed progress:

None.

Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified): None

Foreseeable Issues: None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY ERM AND EACH ERM SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Debbie Taege

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: T N & Associates		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 20070201	Delivery Order #:06	Date: 2-01-2007
Weather: Partly Cloudy	Temp. (max & min): 50 - 68	Rainfall (in): 0
<p>1. Work performed today by primary contractor on site and/or off site:</p> <ol style="list-style-type: none"> 1) MP (TN&A) on site at 0645 hours. Security was onsite. ERM, TRS, Gregg Drilling, Cascade Drilling, ICS, Jacob & Heffner, MK Environmental were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was a reminder to work crews to wear hearing protection when working with and around power tools, heavy equipment, etc. 2) 0745 hours MP met with Neil Coy and Debbie Taege to go over procedures for identifying work completed that day and paperwork required from ERM for TN&A to incorporate into the daily QC report. 3) Rick Lainhart on site ~0830 hours. 4) 1000 hours MP called Harrington Supply to have 3" schedule 40 PVC sent to the site to replace the 4" PVC sent 1/31/07. Material was improperly shipped from Harrington. 3" schedule PVC pipe sent to the site at 1130 hours. 5) Belshire removed one (1) 20 CY container of drill cuttings from ERH area. 6) 1100 hours to 1215 hours weekly progress meeting. Participants included representatives from the USACE(John Hartley phone, Rick Lainhart on site), EPA (Rosie Caraway phone), TN&A (Tim Garvey and John Wingate phone, Mark Prostko and Dave Klein on site), and ERM (Neil Coy, Debbie Taege on site, Rudy Millan and Jay Dablow phone) Items discussed and results were: <ol style="list-style-type: none"> 1. TN&A provided and reviewed the updated 3 week look ahead schedule. 2. O&M plan has been added to the three week look ahead schedule (tentatively 2/20/07). 3. Dave Jeffries scheduled back on site Friday 2/2/07. 4. Neil Coy will locate internet provider with assistance from MP. Neil Coy to establish official "Redline" drawing set. 5. TN&A to provide a location for the diaphragm pumps for condensate sumps inside the TC Building on the north side of the plant. 6. Rosie Caraway (EPA) requests subcontractor representation at March 5, 2007 meeting for City of Maywood. 7) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below: 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1135)	0.000	0.217
Upgradient (1010)	0.000	0.569

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

9:10 AM ~ 4:00 PM

(2 laborers/technicians and supervisor {Ken Clevenger}) Equipment: F-350 truck, hand tools

7:00 AM ~ 4:00 PM with one (1) hour lunch

(1 laborer/technician subcontractor)

1. Crew cut and tied in one (1) 25mm ABS PVC airline and one (1) 1.5" schedule 40 rigid PVC signal conduits in west trench.
2. Crew tied in one (1) 25mm ABS PVC airline and two (2) 1.5" schedule 40 rigid PVC signal conduits in east trench.
3. Crew tied in 3" schedule 40 PVC x 6" schedule 40 PVC (GW-2), 6" schedule 40 PVC (DPE-A), (DPE-B), (DPE-C), (VE-2), (VE-3), (VE-4) and one (1) 1" schedule 40 PVC Tel line in both east and west trenches. Crew will return Friday 2/2/07 to work on rest of tie-ins.

Environmental Remediation, Inc. (ERM) 6:50 AM ~ 3:30 PM

(1 Supervisor)

Neil Coy on site at 0700 hours. Supervised ICS/Jacob & Heffner and MK Environmental crews installing piping inside TC Building.

MK Environmental, Inc. (MK) 0700 AM ~ 5:00 PM

(1 Supervisor)

0700 hours Mark Garon on site. Worked on treatment equipment with ICS/ERM and J&H crew.

Innovative Construction Solutions, Inc. (ICS) 6:50 AM ~ 3:30 PM (3 technicians)
Jess Cuellar, John Roels, and Salvador on site at 0700 hours. Crew worked on pipefitting inside the TC Building:

1. Installed 8" schedule 80 CPVC, one 8" flange, one 8" schedule 80 CPVC 90 and ~10' of 8" schedule 80 CPVC pipe for inlet of FTO unit (portion of piping between F-103/F-104 and the FTO).
2. Rotated skid and piping for F403/F404 to create more room for the 8" fiberglass exhaust and sampling stack that will be installed at outlet of B-301. Rick Lainhart, MP and NC agreed on changes.
3. Completed 1 1/2" galvanized and 2" ABS airline piping for the air compressor system, with the exception of the silencer. Installed regulators R-603, R-604, R-605, and R-606.
4. Installed 3" sight glass for T-401. Installed 3" schedule 80 PVC clear pipe. Installed six (6) 3" schedule 80 PVC tees (T-401) and four (4) level indicators.
5. Installed 3" sight glass for T-401. Installed 3" schedule 80 PVC clear pipe. Installed six (6) 3" schedule 80 PVC tees (T-401) and four (4) level indicators.
6. Installed 3" sight glass for T-402. Installed 3" schedule 80 PVC clear pipe. Installed three (3) 3" schedule 80 PVC tees (T-402), one (1) 3" schedule 80 PVC cross and two (2) level indicators.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

7. Installed 3" sight glass for T-101. Installed 3" schedule 80 PVC clear pipe. Installed four (4) 3" schedule 80 PVC tees (T-101), one (1) 3" schedule 80 PVC cross and three (3) level indicators.
8. Completed 3" schedule 80 PVC piping from T-401 to T-402, installed five (5) 3" schedule 80 PVC flanges, installed four (4) 3" schedule 80 PVC 90's, ~ 10' of 3" schedule 80 PVC pipe and FQI-201 flow indicator/totalizer.
9. Installed three (3) 4" schedule 80 PVC wyes, three (3) 4" x 3" schedule 80 reducers, and three (3) 3" schedule 80 PVC 45 degree ells.

Jacob & Heffner 7:00 AM ~ 3:30 PM (4 technicians)

Stan Jackson, Sal Sanchez, A. Felix and K. Bakshs, two new technicians, on site today.

1. One crew worked with ICS inside the building on completion of the air compressor piping (see item #3 above in ICS work completed area for details).
2. Second crew worked on well vault piping. Crew completed exposition well piping (above flange) at DA-8 and DB-8, QED AP-4 well pumps have to be installed at a later date.

Thermal Remediation Systems, Inc.(TRS) 7:00 AM ~ 6:00 PM

(1 Supervisor)

Paul Bianco on site at 0700 hours. Supervised three drill rig crews M-11, B-61 (Gregg) and CME-75 (Cascade).

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM

(1 Drillers, and 2 helpers) Equipment: B-61 (D-12) HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on completion of electrode G4 and started drilling and installation of electrode H4.
2. The B-61 drill rig worked on drilling and installation of electrode F7.

Cascade Drilling, Inc.(Cascade) 7:00 AM ~ 5:00 PM

(1 Drillers, and 2 helpers) Equipment: CME75 HSA drill rig 1 crew cab truck and 1 support truck.

3. The CME75 drill rig continued to work on installation of electrode J7.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070202

Delivery Order #:06

Date: 2-02-2007

Weather: Partly Cloudy

Temp. (max & min): 48 - 66

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0655 hours. Security was onsite. ERM, TRS, Gregg Drilling, Cascade Drilling, ICS, Jacob & Heffner, MK Environmental and Jeffries Electric were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was review of AHA 04 hand and power tools.
- 2) Fittings for QED pump discharge line sent to the site today by QED. All fittings are on site now for installation of QED AP4 well pumps.
- 3) 0730 hours MP called Southern Cal Edison (SCE) trying to make arrangements to shut down Park Electric metering cabinet.
- 4) 0730 hours DK and MP met with Neil Coy and Stan Jackson to go over piping work scheduled in exposition well vaults. Advised crew to concentrate on installing valves on all lines first to facilitate pressure testing of all VE, DPE, GW and airlines. Pressure testing cannot be scheduled until valves are installed on all exposition wells.
- 5) ~0730 Norstar on site working at WW Henry compound.
- 6) 0930 hours MP and Ken Clevenger inspected remote vault location PA-2 to understand valve locations typical to DPE-A vapor line header.
- 7) 1520 hours MP spoke to Tim at SCE (310) 608-5278 about scheduling power down for Tuesday 2/6/07 for their transformer P5553361. SCE will try to schedule as soon as possible. SCE can make no promises for Tuesday 2/6/07.
- 8) 1540 hours Tim (SCE) advised he will stop at the site Monday 2/6/07 to investigate how to turn off the incoming power to the Riverfront Park Metering cabinet.
- 9) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1135)	0.000	0.480
Upgradient (1010)	0.000	0.881

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

9:00 AM ~ 3:30 PM

(3 laborers/technicians and supervisor {Ken Clevenger}) Equipment: F-350 truck, hand tools

7:00 AM ~ 3:30 PM with one-half (1/2) hour lunch

(1 laborer/technician)

1. Crew completed connections on the north side of TC Building for GW-3, DPE-D, two (2) 1.5" rigid PVC conduit (east trench), and one (1) 25mm ABS airline (east trench). All piping on north side of TC Building is connected. Pressure testing to be scheduled when vapor line, ABS airline and GW valves within the exposition well vaults are installed. Jacob & Heffner is currently installing the valves. See below.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner, MK Environmental, and Jeffries Electric onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was review of AHA 04 hand and power tools.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 4:30 PM

(1 Supervisor+1 QA Supervisor)

Neil Coy on site at 0615 hours. Supervised ICS/Jacob & Heffner and MK Environmental crews installing piping inside TC Building. Debbie Taege on site at 0830 to perform QA duties.

0730 hours DK and MP met with Neil Coy and Stan Jackson to go over piping work scheduled in exposition well vaults. Advised crew to concentrate on installing valves on all lines first to facilitate pressure testing of all VE, DPE, GW and airlines. Pressure testing cannot be scheduled until valves are installed on all exposition wells.

MK Environmental, Inc. (MK) 0700 AM ~ 5:30 PM

(1 Supervisor)

0700 hours Mark Garon on site. Worked on treatment equipment with ICS/ERM and J&H crew. Left site at ~0900 hours.

Innovative Construction Solutions, Inc. (ICS) 6:50 AM ~ 3:00 PM (3 technicians)

John Roels and Salvador on site at 0700 hours. Crew worked on pipefitting inside the TC Building:

1. Installed all bolts/nuts on the flanges for the valves V-101 through V-108 on the vapor manifold piping. Total of 8 sets of nuts/bolts.
2. Installed 3" actuated valve V-407 with flanges on GW manifold.
3. Installed FQI-201 on line between filters F-401/F-402 and T-402.
4. Installed FQI-501 on line between filters F-501/F-502 and T-402.

Jacob & Heffner 7:00 AM ~ 3:00 PM (4 technicians)

Stan Jackson, Sal Sanchez, A. Felix and K. Bakshs, two new technicians, on site today.

1. One crew worked with ICS inside the building assisting ICS with piping.
2. Second crew worked on well vault piping. Crew completed valve installations for GW, ABS airline and vapor piping at the following locations: DA-4, DB-4, DA-5, DB-5, DA-6, DB-6, DA-7, and DB-7. At location DA-4 the 4" outer and inner containment pipe must be modified. There is no room inside the vault to install fittings on this line. The 2" x 4" rubber boot will not fit.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Jeffries Electrical 7:00 AM ~2:30 PM (1 Supervisor, 3 technicians)

Jeffries Electric crew back on site today. Crew worked on the following:

1. Installed 2 1/2" galvanized steel conduit ~ 60' from control panel B-301/B-302 to the electrical room.
2. Installed 2" galvanized steel conduit ~ 40' picking up the conduit from where the conduit from the VC package was installed Thursday 2/1/07 and continued to the electrical room.
3. Pulled wires and installed flex conduit from B-301/B-302 to the control panel for B-301/B-302.

ERM Quality Assurance/Quality Control Notes:

Continue QA of treatment system construction to date (plumbing/equipment). Slight modifications from P&ID observed and have been noted on redline dwgs.

Spoke with John Wingate regarding GAC manifolds (as noted on 2/1/07), emailed him photo of the gw manifold and let me know that these units are not currently designed for backwashing according to the P&ID. ERM will note current design on redlines in the field, and John will instruct as to whether design changes will be made on gw manifold to include backwashing.

Thermal Remediation Systems, Inc.(TRS) 7:00 AM ~ 4:00 PM

(1 Supervisor)

Paul Bianco on site at 0700 hours. Supervised three drill rig crews M-11, B-61 (Gregg) and CME-75 (Cascade).

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 4:00 PM

(1 Drillers, and 2 helpers) Equipment: B-61 (D-12) HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

4. The M-11 drill rig worked on completion of electrode G4 and started drilling and installation of electrode G5.
5. The B-61 drill rig worked on completion of electrode piping for electrodes installed this week.

Cascade Drilling, Inc.(Cascade) 7:00 AM ~ 5:00 PM

(1 Drillers, and 2 helpers) Equipment: CME75 HSA drill rig 1 crew cab truck and 1 support truck.

6. The CME75 drill rig worked on drilling and installation of electrode J8 on the 8 degree angle. Will complete installation of this electrode Monday 2/5/07.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070208

Delivery Order #:06

Date: 2-08-2007

Weather: Partly Cloudy

Temp. (max & min): 51 - 70

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0655 hours. Security was onsite. ERM, TRS, Gregg Drilling, Dave Jeffries Electrical, ICS, and Jacob & Heffner were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was EM385-1-1 20.B.02 Compressed Air & Gas System (Access and grounding).
- 2) 0730 hours John Hartley on site.
- 3) 0830 hours Rick Lainhart on site all day for QA inspection of work being performed.
- 4) 1000 hours Edwin from EarthTech on site to remove 1200A breaker and install 800A breaker at Riverfront Park Metering cabinet. The brackets for the 800A breaker do not match the brackets for 1200A breaker. Dave Klein called Siemens at 1140 hours. Edwin was making modifications to the mounting hardware. Siemens and Crenshaw Electric to report to TN&A on Friday whether the breaker will work or not work as delivered. Question about GFI.
- 5) 1100 hours 20 CY rolloff container delivered to the site.
- 6) 1100 hours to 1215 hours weekly progress meeting. Participants included representatives from the USACE (John Hartley and Rick Lainhart on site), TN&A (Tim Garvey and John Wingate, Mark Prostko and Dave Klein on site), and ERM (Neil Coy, Debbie Taege on site, Rudy Millan and Jay Dablow phone) Items discussed and results were:
 1. TN&A provided and reviewed the updated 3 week look ahead schedule.
 2. Source testing may be rescheduled for March 5th or later, depending on progress of work.
 3. Training provided by Anguil currently scheduled for February 19th may be rescheduled for February 26th or March 5th.
 4. Mechanical work punchlist #1 has been put on the schedule for February 19th.
 5. ERM to follow up on the status of the draft O&M manual being assembled by one of their subcontractors.
 6. Future grading will not adhere to any specific plan but will generally conform to a grade to drain approach. (per USACE comments in meeting)
 7. It was decided as a group that the QED AP-4 exposition well pump installation will resume as soon as the crew (Jacob & Heffner) can be rescheduled. (Monday Feb 12th).
 8. There is a general understanding that the GW system (exposition well pumps and vault piping) is scheduled to be completed in early March (first week. No specific date for this has been set. Will continue to work on this task in the upcoming weeks.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

- 7) Dust monitoring was performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	TWA (mq/m3)	Max (mq/m3)
Downgradient (1135)	0.113	2.597
Upgradient (1010)	0.002	0.594

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 4:00 PM (1/2 hour lunch)

(1 laborers/technicians and supervisor {Ken Clevenger}) Equipment: F-350 truck, hand tools, portable air compressor, test fittings, plugs

Alvaro (technician) on site at 0700 hours. Ken Clevenger on site at 0800 hours. Continue with pressure testing lines VE-2, VE-3, VE-4, GW-2 and GW-3. VE-2 passed pressure test.

VE-3 and VE-4 will be retested on Friday 2/9/07. The test plugs for well vaults DA-11 and DB-11 will be replaced with PVC caps (VE-4). The test plugs for well vaults DA-10 and DB-10 will be replaced with PVC caps (VE-3). GW-2 was tested at 10 psig from 1520 hours to 1625 hours. Will check pressure at GW-2 on Friday 2/9/07 morning. Installed 1 1/2 to 2" galvanized steel and 25mm ABS fittings inside the building on the galvanized steel airline between discharge of air receiver tank and regulators for pressure testing of ABS airlines in east and west trenches.

QC Test Results provided on a separate document.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was proper PPE use.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 4:00 PM

(1 Supervisor+1 QA Supervisor)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit. Debbie Taege on site at 0815 to perform QA duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (3 technicians)

John, Jessie, and Salvador on site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Installed flanges/valves (V-202, V-205, V-207, and V-208) on heat exchanger (H-201).
2. Continued work on 6" schedule 80 PVC line from cooling tower (CT-201) to pump (P-201).
3. Secured pump (P-201) to concrete pad with bolts.

Jacob & Heffner 7:00 AM ~ 3:00 PM (2 technicians)

Stan Jackson, Sal Sanchez, and K. Bakshs on site today.

1. Assisted ICS with piping (see ICS description).

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Jeffries Electrical 7:00 AM ~3:00 PM (2 technicians)

Jeffries Electric crew worked on the

1. Installed conduit for PLC.
2. Installed conduit and pulled wires from compressor (K-601) to the PLC.
3. Installed 1" conduit from control panel to heat exchanger (H-201) for switch gear.
4. Installed ¾" conduit for heat exchanger sump pump (P-203).
5. Installed ¾" conduit for level switches (LSHH/LSH/LSL-201) on heat exchanger condensate tank (T-201).

ERM Quality Assurance/Quality Control Notes:

Continue QA of treatment system construction to date (plumbing/equipment). Installation of GW well pumps was previously discontinued (2-6-07) due to concerns over leaving the pumps off inside the well and collecting silt/clogging. Today it was decided that concerns were minor and to continue installation of the pumps.

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM

(1 Drillers, and 3 helpers) Equipment: B-61 (D-12) HSA drill rig , M-11 HSA drills rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on drilling and construction of electrode G8 and grouted to 12'bgs.
2. B-61 drill rig worked on and construction of electrode F6 and grouted to 62'bgs.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070209

Delivery Order #:06

Date: 2-09-2007

Weather: Partly Cloudy

Temp. (max & min): 54 - 69

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0700 hours. Security was onsite. ERM, TRS, Gregg Drilling, Dave Jeffries Electrical, ICS, and Jacob & Heffner were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Dave Klein reviewed Safety Inspection forms for miscellaneous equipment and also inspection forms for Equipment/Vehicles. MP spoke to Jeff from Gregg Drilling about his daily/weekly paperwork inspection forms.
- 2) 0705 hours MP met with Bobcat Master and CLEVECO to go over the details of how and where backfilling will occur today. Crew backfilled the area in the ERH zone where the 3" x 6" PVC repair was made. The excavation was backfilled with 12" of fill and orange safety fence was placed horizontally in the excavation 12" above the pipe for identification of pipe at a later date, if required.
- 3) 0700 to 1100 hours pressure testing of ABS airlines on East, West and South trenches was performed. Pressure in airlines was built to 90 psi and held for two (2) hours +. Piping installed by ERM/ICS was leaking in several areas. Neil Coy was advised of leaks and tightened down loose connections as required at 1 1/2" unions and tees. QC report is attached as a separate document.
- 4) 0900 to 1200 hours CLEVECO and Bobcat Master backfilling the excavated area north of the TC building during the pressure testing of the airlines. Photos taken. During backfilling crew installed orange safety fencing above the lines to mark the areas for future excavators. Also laid out 10' centers for future fence posts.
- 5) ~1000 hours Rick Lainhart on site all day for QA inspection of backfilling the north area of the TC Building and other work completed by ICS/ERM and Jacob & Heffner.
- 6) MP met with Neil Coy in PM to go over work completed this week and plans for Monday 2/12/07. Secured site and left at 1630 hours.
- 7) Dust monitoring performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1135)	0.120	0.647
Upgradient (1010)	0.012	3.037

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

3.
Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 3:30 PM (1/2 hour lunch)

(1 Technician and 1 Supervisor {Ken Clevenger}) Equipment: F-350 truck, hand tools, portable air compressor, test fittings, plugs

Bobcat Master

(1 laborers/technician and 1 operator (Subcontractor to CLEVECO) Equipment:

Water truck, Bobcat, trailer,

Alvaro (technician) on site at 0700 hours. Bobcat Master with water truck on site at 0700 hours. Ken Clevenger on site at 0730 hours. Crew worked on backfilling the excavation open in ERH area where GW2 was repaired. Crew installed orange safety fence 12" above the pipe during backfilling operations.

Crew worked on continuation of pressure tests for GW2, GW3, 25mm ABS airlines for east, west and south trenches, VE-3 and VE-4. All lines passed pressure testing with the exception of VE-3 and VE-4. Small leaks in these systems have not yet been identified.

The 6" piping and connections for VE-3 and VE-4 immediately north of the condensate sumps were bubble tested for two days with no leaks observed. Additionally the upper and lower 12" PVC condensate sump saddles for VE-3 and VE-4 were exposed and re-tested. (These joints had previously been pressure tested and passed.) These joints did not show evidence of leaks. Based on the above we backfilled the area and compacted. Crew backfilled the area on the north side of TC Building and compacted with Bobcat.

QC Test Results provided on a separate document.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was proper hygiene.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor+1 QA Supervisor)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (4 technicians until 1:30pm, then 2 technicians)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Began installing the 8" bypass piping from the FTO.
2. Installed piping from heat exchanger to cooling tower, including butterfly and check valves.
3. Installed the majority of flange bolts throughout the entire system.

Jacob & Heffner 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours. Assisted ICS with piping (see ICS description).

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Jeffries Electrical 7:00 AM ~3:00 PM (3 technicians)

Jeffries Electric crew worked on the following:

1. Installed 1 ½" conduit from main electrical panel to FTO electrical panel.
2. Installed 1" overhead conduit from control room to center of TC.
3. Pulled 3-gage wire from control panel to transformer.
4. Installed 2 more trapezes south of the main trapeze for conduit from main trapeze to FTO control panel.

Constructed and mounted rack for motor starters for building fans.

ERM Quality Assurance/Quality Control Notes:

Waiting for fiberglass sampling tee between FTO and heat exchanger before completing installation of piping. Sampling tee to be provided by TN&A.

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM

(1 Drillers, and 3 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 HSA drills rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on drilling and construction of electrode F9 and grouted to 12'bgs.
2. B-61 drill rig worked on completion of construction of electrode F6. Grouted back to 12'bgs. Crew also completed electrode heads for F5, F7, G5, G8, G9 and H8.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: T N & Associates		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 20070212	Delivery Order #:06	Date: 2-12-2007
Weather: Partly Cloudy	Temp. (max & min): 54 - 65	Rainfall (in): 0
<p>1. Work performed today by primary contractor on site and/or off site:</p> <ol style="list-style-type: none"> 1) MP (TN&A) on site at 0640 hours. Security was onsite. ERM, TRS, Gregg Drilling, Dave Jeffries Electrical, ICS, Blaine Technical Services and Jacob & Heffner were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Dave Klein reviewed EM 385-1-1 Section 13 Hand and Power tools (General-A). 2) 0730 BTI and Dave Allen (TN&A) met on site to go over the sampling plan and schedule for GW sampling of 137 wells. 3) 0750 hours The Gas Company was on site to begin the installation of gas line service to the TC Building area. Crew excavated near east side of TC Building and 15' south of H-401 unit. Gas Line is underneath the 12" water main. Crew will return to expose the gas line on Tuesday and tap line for stub up piping to building. 4) 0755 hours CLEVECO called MP. MP advised CLEVECO to come to the site today to begin the installation of the 2" galvanized water service from the existing main to the TC Building. 5) 0900 hours CLEVECO on site to begin excavation and installation of 2" water service to TC Building. 6) 1030 hours James Percy (Sanitation District of LA County) met MP on site. Upon request MP gave JP tour of plant construction to date and tentative schedule for discharge of GW from treatment system to sampling box. JP requested that we provide a 1/2" hole in the lid of the sampling box for county sampling tube. 7) 1300 hours MP inspected work on water line and drilling crews in ERH area. Went over schedule of work for Tuesday with Neil Coy, Jeffries Electrical and CLEVECO. 8) 1530 hours MP contacted Siemens to get tracking number for 800A breaker being shipped today from Ohio. 9) 1600 hours OMT Security crews (both night shifts) met with MP. 10) 1730 hours MP left the site. 11) Dust monitoring performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below: 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	0.000	0.377
Upgradient (1010)	0.000	0.097

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

9:00 AM ~ 3:30 PM (1/2 hour lunch)

(1 Technician and 1 Supervisor {Ken Clevenger}) Equipment: F-350 truck, hand tools

Alvaro and Ken Clevenger on site at 0900 hours. Crew hand excavated the trench from the existing water meter to the TC Building. Started to install 2" galvanized pipe and fittings from the Maywood Mutual Water Co. meter. Installed 2" union, 2" tee, 2" 90 degree and 2" short nipples.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was proper use of equipment.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Continued installing the 8" CPVC bypass piping from the FTO to the VC package.
2. Continued installing the 8" piping from the FTO blower to VC package (waiting on fiberglass sampling tee from TN&A).
3. Installed 8" CPVC inlet piping and PVC outlet piping on the VC package heat exchanger (H-201). Also installed pressure gage on outlet line and magnahelic on inlet line.
4. Installed 2" PVC from refrigerated chiller (RC-201) to heat exchanger (H-201). Included valves (V-216, V-215, and V-214), and pressure gauge (PI-202).
5. Installed temporary blind flanges on back of heat exchanger (on V-201, V-204, and V-207) in order to pressure test the heat exchanger chambers.
6. Continued to identify locations of instruments for Jeffries to run electrical conduit and install wiring.
7. Installed flow indicator transmitters (FQI-401 and FQI-501) to the inlet and outlet lines of the holding tank (T-402).
8. Completed 4" piping and associated valves/fittings (V-211, P-201, V-212, and V-213) from cooling tower (CT-201) to heat exchanger (H-201).

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Jacob & Heffner 7:00 AM ~ 3:00 PM (3 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).
2. Resumed the installation of pumps at the following wells (DA-8, DA-6, DB-6, DA-5, DB-5, DA-4, and DB-4). DA-8 plumbing has been completed.

Jeffries Electrical 7:00 AM ~3:00 PM (3 technicians)

Jeffries Electric crew worked on the following:

1. The signal and 110 power (wire) from the PLC was pulled to the VC panel.
2. Installed 480, signal, and 110 (wire) from the home run to the FTO.

ERM Quality Assurance/Quality Control Notes:

Continue to QA construction and compare as-built to specifications. Minor changes were observed and confirmed as approved with Neil. For example, the piping from the cooling tower is 4" instead of 1". Also, Y-401 and Y-402 have been deleted from plans since flexible tubing to pumps (P-401 and P-402) were used. The redline drawings have been noted.

The breaker for the main electrical panel is not the correct breaker. It is not currently delaying the schedule, but it is needed as soon as possible.

Performed minor pressure test of heat exchanger (H-201) to ensure no damage upon shipping. Internal chamber H-201C between V-207 and V-208 passed. Internal chamber H-201B between V-204 and V-205 passed. Chamber H-201A between V-201 and V-202 did not pass. A minor leak was discovered due to a loose flange (the manufacturer did not tighten it completely). ERM will tighten the flange and re-test the chamber (H-201A) tomorrow (Feb 13th).

J&H resumed the installation of groundwater pumps in wells. It was decided by John Hartley and John Wingate in last week's meeting (Feb 8th) to install the pumps and not circulate the water.

Gregg Drilling, Inc. (GDI) 7:00 AM ~ 4:30 PM

(1 Drillers, and 3 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on drilling and construction of electrode H7.
2. B-61 drill rig worked on completion of construction of electrode H5.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: T N & Associates		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 20070213	Delivery Order #:06	Date: 2-13-2007
Weather: Partly Cloudy	Temp. (max & min): 49 - 69	Rainfall (in): 0
<p>1. Work performed today by primary contractor on site and/or off site:</p> <ol style="list-style-type: none"> 1) MP (TN&A) on site at 0655 hours. Security was onsite. ERM, TRS, Gregg Drilling, Dave Jeffries Electrical, ICS, and Blaine Technical Services were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Dave Klein reviewed EM 385-1-1 Material handling, Storage and Disposal and Section 14.C Housekeeping. Housekeeping is the main topic this week as the project will be ramping down with less equipment and labor force expected. 2) 0700 Dave Allen (TN&A) on site to supervise BTI GW sampling. 3) 0730 hours The Gas Company on site to complete the stub up piping and tap from the 3" main. 4) 0830 hours Tony (TN&A) on site to prepare sample bottles for GW sampling to be completed throughout the day. 5) ~0930 hours Rick Lainhart arrives on site for QA of project. 6) 1015 hours FedEx delivered the wrong breaker (400A). Dave Klein contacted Siemens (Deanne) and was advised that the correct part would ship February 14th (Airports shut down in Midwest yesterday). 7) 1100 hours Clevenger crew on site (Andrew, Ken and Alvaro). Crew worked on the completion of the installation of 2" water line to TC Building. City Water meter leaking. 8) 1200 hours one (1) 20 CY rolloff container of C&D in ERH area was removed. The full 20 CY rolloff container of C&D in the TC area will be removed Wednesday. 9) 1300 to 1430 hours John Wingate on site to meet with CLEVECO about punchlist work items remaining. Details of the roof penetrations for the FTO scrubber stack and loop were discussed with Rick Lainhart (USACE). 10) 1430 hours JW, RL, Neil Coy, Dave Jeffries, and MP met inside the TC Building and decided final locations for thermostats for 480V exhaust fans. Also decided to reposition some piping associated with the level transducers for tanks T-401 and T-402 for access and protective measures. 11) 1500 hours City of Maywood representative stopped at the TN&A trailer to discuss plans for cleaning up debris on 60th Street. 12) Dust monitoring performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below: 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	0.000	0.092
Upgradient (1010)	0.000	0.452

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

10:15 AM ~ 3:30 PM (1/2 hour lunch)

(1 Technician and 1 Supervisor {Ken Clevenger}) Equipment: F-350 truck, hand tools

11:30 AM to 3:30 PM Andrew Clevenger on site.

Alvaro and Ken Clevenger on site at 1015 hours. Continued to work on the installation of the 2" water line to the TC Building. Line was completed up to the building and backfilled. There is a leak at the City of Maywood water meter. Ken, Andrew, John Wingate, Mark Prostko and Rick Lainhart met in the afternoon to discuss the details of the installation of the FTO scrubber pipe(s) and associated roof penetrations.

Blaine Technical Services (2 Field Technicians and 2 Sampling Rigs) 07:00 AM ~ 5:00 PM

BTS, Inc. on site with two (2) GW sampling trucks. Crew arrived on site Monday 2/12/07 and gauged ~137 GW wells on and off site. Today, Dave Allen (TN&A) Ewelina Mutkowska (TN&A Chemist) and Tony Simons (TN&A Sampling Technician) on site for sampling. Seventeen (17) groundwater wells were sampled today. Wells sampled: MW-10-90, MW-10-110, MW-12-90, MW-10-75, MW-10-170, MW-12-170, MW-12-150, MW-9-70, MW-8-70, **MW-13-85 >50 mg/l**, MW-8-85, MW-11-100X, MW-11-100, MW-7-130, MW-9-85, MW-7-75, MW-5-135, and TB021307. (16 actual without trip blanks or duplicates).

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was slips, trips, and falls.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Installed 8" flange on outlet of heat exchanger (H-201).
2. Installed several instruments as follows:
 - a. dPIT-101;
 - b. LSHH-501, LSH-501, LSL-501 into the secondary containment sump;
 - c. TIT-101 to tank T-101;
 - d. Reconfigured level switches (LSHH-401, LSH-401, LSL-401, LSL-401) on tank T-401;
 - e. Installed LS-901 to tank T-901 (caustic soda tank); and
 - f. Miscellaneous gauges.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Jacob & Heffner 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).

Jeffries Electrical 7:00 AM ~3:00 PM (4 technicians)

Jeffries Electric crew worked on the following:

1. Ran 480V conduit from homerun to motor starters (for building exhaust fans on east wall).
2. Installed ¾" conduit for heat exchanger (H-401).
3. Pulled 480V wire to control panel for liquid ring blowers (B-01 and B-102) from the PLC.
4. Installed supports for conduit to liquid ring blowers (B-101 and B-102).

ERM Quality Assurance/Quality Control Notes:

Completed minor pressure test of heat exchanger (H-201) to ensure no damage upon shipping. Chamber H-201A between V-201 and V-202 did not pass the first pressure test on 2/12/07. A minor leak was discovered due to a loose flange (the manufacturer did not tighten it completely). ERM tightened the flange and re-tested the chamber (H-201A). Chamber H-201A passed the pressure test.

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM

(1 Drillers, and 3 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on drilling and construction of electrode H6 to 65' bgs.
2. B-61 drill rig worked on completion of construction of TMP28 to 100' bgs.

(TMP#28) 1/2" pipe x 45' with 1' screen
3/4" pipe x 67' with 3' screen
3/4" pipe x 87' with 3' screen
1 ½" pipe x 100' with no screen

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)
None
Foreseeable Issues
None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: T N & Associates		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 20070214	Delivery Order #:06	Date: 2-14-2007
Weather: Partly Cloudy	Temp. (max & min): 49 - 69	Rainfall (in): 0
<p>1. Work performed today by primary contractor on site and/or off site:</p> <ol style="list-style-type: none"> 1) MP (TN&A) on site at 0655 hours. Security was onsite. ERM, TRS, Gregg Drilling, Dave Jeffries Electrical, ICS, and Blaine Technical Services were on site at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Dave Klein reviewed AHA for hand and mechanical cutting. Use of heavy duty leather gloves required for this type of work. CLEVECO is cutting the sheet metal roof skin on the roof today for the installation of FTO scrubber piping. 2) 0700 hours Consolidated Container on site to remove 20 CY rolloff container next to TC Building. Returned with empty container and placed empty container in ERH area. 3) 0715 hours Dave Allen (TN&A) on site to supervise BTI GW sampling. 4) 0830 hours Clevenger crew on site (Andrew, Ken and Alvaro) to begin roof penetrations and to set up the air compressor and hose/fittings on VE-3 and VE-4 12" condensate sump flanges for pressure testing. 5) 0850 hours MP called Maywood Water Department about leaking water meter on site. 6) ~0900 hours Rick Lainhart arrives on site for QA of project. 7) 0930 hours Maywood Water Company on site to repair the leaking water meter. Repairs made to water meter replaced bolts and gasket. 8) 0800 hours to 1330 hours MP and Alvaro (CLEVECO) pressure testing VE-3 and VE-4 lines. 9) 1400 hours Dave Mango stopped at the site briefly. 10) 1430 hours MP advised Rick Lainhart of the status of pressure testing prior to departure from the site. 11) 1445 hours MP and Ken Clevenger inspected the 2" CPVC vapor lines inside well vault locations DA-9, DB-9, DA-10 and DB-10. Will hand dig at the 2" CPVC vapor line connection (DB-10) where it connects with the vapor header pipe inside the ERH area. That well vault has shown signs of movement. 12) Belshire removed one (1) 20 CY container of drill cuttings today and one (1) 20 CY container of drill cuttings Tuesday 2/13/07. TRS also provided MP with copies of manifests for two (2) 20 CY containers of drill cuttings removed from the ERH area on 2/7/07. 13) Dust monitoring performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below: 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1135)	0.000	0.254
Upgradient (1010)	0.000	0.258

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

8:30 AM ~ 3:45 PM (1/2 hour lunch)

(1 Technician and 2 Supervisors {Ken and Andrew Clevenger}) Equipment: F-350 truck, hand tools, air compressor, airhose, pressure gages, fittings

Crew on site to begin roof penetration for FTO air scrubber fiberglass piping.

Ken Clevenger also brought to the site the 6" x 8" x 8" steel tee for the base of the exhaust stack B-301. Ken and Andrew Clevenger completed framing and roof penetration for FTO scrubber (larger fiberglass pipe). The second penetration for the scrubber stack (smaller fiberglass pipe) will be installed beginning Thursday 2/15/07.

Alvaro (technician) worked with MP pressure testing VE-3 and VE-4 from 0800 hours to 1400 hours. Alvaro set up air compressor, installed fittings on condensate flanges for sumps VE-3 and VE-4. Installed 2" schedule 40 PVC caps on all vapor lines associated with VE-3 and VE-4 (with the exception of DA-12 and DB-12 which have been partially piped inside the vault. VE-3 and VE-4 continue to leak air (VE-4 1 psi drop in 10 minutes, VE-3 1 psi drop in 2 minutes).

Blaine Technical Services (2 Field Technicians and 2 Sampling Rigs) 07:00 AM ~ 5:00 PM

BTS, Inc. on site with two (2) GW sampling trucks. Dave Allen (TN&A) and Tony Simons (TN&A Sampling Technician) on site for sampling. Fourteen (14) groundwater wells were sampled today. Wells sampled MW-05-85, MW-05-105, MW-23-110, MW-23-145, DA-3, DB-3, PA-5, PA-4, PA-3, DA-2, **TB021407 (trip blank)**, DAB-05, **DAB-05X (field duplicate)**, DAB-02, DAB-6, DB-7.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was eye protection.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Installed 8" flange on outlet of heat exchanger (H-201).
2. Installed CPVC check valve from the GW carbon vessel outlet manifold (V-448).
3. Installed part of the overhead ¾" PVC from the VC system condensate sump to T-402 or sewer.
4. Anchored the chiller ((RC-201).
5. Installed 1 ½" piping from chiller (RC-201) to heat exchanger (H-201).
6. Installed 1 ½" piping from cooling water tank (T-202) to heat exchanger (H-201).

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

7. Remounted the magnahelic gauge by control panel for the blowers.
8. Installed several instruments and gauges as follows, such as PT-403, PI-409, SP-204, PI-406, SP-203 and PI-407.

Jacob & Heffner 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).

Jeffries Electrical 7:00 AM ~3:00 PM (4 technicians)

Jeffries Electric crew worked on the following:

1. Installed overhead conduit to instruments.
2. Hooked up the control interface from the FTO to the PLC.
3. Hooked up the control interface from the vapor control panel to the PLC.
4. Ran 480 volt to the building fans and heat exchanger.
5. Dave Jeffries worked late (~0630 hours) to start landing wires inside the MCC.

Quality Assurance/Quality Control Notes:

Observed some minor items to be addressed:

1. The 3" PVC piping from the outlet of the booster tank (T-401) was not aligned correctly and may have put stress on the 3" flange before the bag filters (F-401 and F-402). Therefore, the piping was cut, coupled, and realigned.
2. Valve V-211 from the cooling tower needs to be aligned.
3. The 2" piping from the cooling water tank (T-202) and chiller (RC-201) to the heat exchanger (H-201) needs to be separated with unistrut to prevent pipes from touching.
4. Some of the exposed unistrut throughout the system needs protective caps.

Gregg Drilling, Inc.(GDI) 7:00 AM ~ 5:00 PM

(1 Drillers, and 3 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on completion of construction of electrode H6 to 12' bgs. Crew began drilling and construction of electrode
2. B-61 drill rig worked on drilling and construction of electrode G7.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070215

Delivery Order #:06

Date: 2-15-2007

Weather: Sunny

Temp. (max & min): 51 - 72

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0700 hours. Security was onsite. ERM, TRS, Gregg Drilling, Dave Jeffries Electrical, ICS, and Blaine Technical Services were on site at 0700 hours. Dave Klein reviewed personal hygiene reminders with crews. Avoidance of hand to mouth contact in the EZ. Washing hands prior to eating or smoking.
- 2) John Wingate on site at 0730 hours.
- 3) Rick Lainhart on site at 0800 hours for the duration of the day for inspection and QA.
- 4) Siemens 800A breaker was delivered at 0800 hours. Earth Tech was on site from 1000 hours to 1330 hours removing the 800A breaker installed on February 8th and installing the new 800A breaker delivered today.
- 5) 1000 to 1150 hours crew for WW Henry on site (US Filter) working on treatment system.
- 6) Rose Marie Caraway (EPA) and Alehli Banos (EPA) on site at 1100 hours for weekly progress meeting.
- 7) 1100 hours to 1215 hours weekly progress meeting. Participants included representatives from the USACE(Rick Lainhart on site), EPA (Rose Marie Caraway and Alehli Banos on site), (TN&A (Tim Garvey phone, John Wingate, Mark Prostko and Dave Klein on site), and ERM (Neil Coy, Debbie Taege on site, Rudy Millan and Jay Dablow phone) Items discussed and results were:
 1. TN&A provided and reviewed the updated 3 week look ahead schedule.
 2. Source testing procurement procedure is ongoing. JW is reviewing proposals that are expected this week.
 3. Training provided by Anguil currently scheduled for March 5th.
 4. Rick Lainhart reiterated his previous comments about having the labeling of hazards (overhead, electrical, etc.) commence immediately.
 5. ERM stated that the PLC programming and shakeout will take approximately 2 weeks.
 6. ERM is in the process of bolting down equipment.
 7. JW will specify filter sizes (micron sizes) ASAP such that ERM can procure.
 8. MPE system startup/shakedown March 1st. MP stated that QED well pump installation will likely continue through March 2nd.
 9. ERM to begin installation of condensate sumps February 19th. Booster pump to arrive February 16th and installation to begin on February 19th.
 10. TN&A is working on isolation of leaks to VE-3 and VE-4.
 11. The exhaust stack for B-301 is scheduled for delivery Monday February 19th.
- 8) City of Maywood sent a crew to the site today 0800 hours to clean up debris on 60th Street. Crew used a backhoe and spent most of the day working on the area.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

- 9) MP supervised work until 1730 hours.
- 10) Dust monitoring performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	0.000	0.608
Upgradient (1010)	0.000	0.533

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:15 AM ~ 4:15 PM (1/2 hour lunch)

(1 Technician and 2 Supervisors {Ken and Andrew Clevenger}) Equipment: F-350 truck, All terrain high reach forklift, hand tools, air compressor, air hose, pressure gages, fittings

United Rentals delivered a high reach AT forklift to the site at 0530 hours. Crew on site to continue roof penetration work for FTO air scrubber fiberglass piping. The fabricated curb piece for the larger opening was delivered to the site in the afternoon by Ken Clevenger. The crew worked on the smaller penetration in the afternoon and completed drilling of concrete floor and installation of base tee for B-301 exhaust stack.

Alvaro worked with MP hand digging up the lateral vapor and GW lines located in DA-10 and DB-10 in an attempt to locate the connections to VE-3 header.

Blaine Technical Services (2 Field Technicians and 2 Sampling Rigs) 07:00 AM ~ 5:00 PM

BTS, Inc. on site with two (2) GW sampling trucks. Crew arrived on site Monday 2/12/07 and gauged ~137 GW wells on and off site. Dave Allen (TN&A) and Tony Simons (TN&A Sampling Technician) on site for sampling. Thirteen (13) groundwater wells were sampled today. GW wells sampled DA-7, DB-1, DB-1X, DB-04, DA-04, B-38, DAB-7, DAB-4, DAB-3, DA-1, PB-1, PB-2, and TB021507. (11 without TB and duplicates)

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was manlift safety.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor, 1 Technician, and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (2 technicians)
On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Installed 2" gas line from FTO to outside the building. Line was pressure tested and it passed.
2. Installed extra supports for ¾" water line from pump P-203 to T-402 and GW carbon vessels.
3. Installed TIT-401 on booster tank (T-401).

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

4. Installed ½" air line and supports from compressor (K-601) to FTO.
5. Connected condensate tank (T-201) for heat exchanger (H-201) to transfer pump (P-203).

Jacob & Heffner 7:00 AM ~ 3:00 PM (4 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).
2. Connect tubing to groundwater pumps and installed them in the following wells: DAB-8, DB-1, DA-1, DB-7, DA-7, DA-3, DB-3, and DA-2.

Jeffries Electrical 7:00 AM ~3:00 PM (4 technicians)

Jeffries Electric crew worked on the following:

1. Installed overhead conduit from homerun to instrumentation throughout the TC.
2. Installed 120V control conduit from homerun.
3. Terminated wires from main control panel to vapor control panel.
4. Completed wiring of H-202.
5. Dave Jeffries and Tony worked to ~1730 hours.

ERM Quality Assurance/Quality Control Notes:

Gas line to FTO was pressure tested and passed. It was pressured to 10 psi and held for 30 minutes. The gas line was terminated outside of the building, where the gas company will hook up to it.

Gregg Drilling, Inc. (GDI) 7:00 AM ~ 5:00 PM

(1 Drillers, and 3 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

1. The M-11 drill rig worked on completion of construction of electrode G6 to 12' bgs.
2. B-61 drill rig worked on drilling and construction of electrode G7 to 12' bgs.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070216

Delivery Order #:06

Date: 2-16-2007

Weather: Sunny

Temp. (max & min): 51 - 83

Rainfall (in): 0

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0700 hours. Security was onsite. ERM, TRS, Gregg Drilling, Dave Jeffries Electrical, ICS, and Blaine Technical Services were on site at 0700 hours. Dave Klein off today. ERM conducted tailgate safety meeting today. Tailgate safety topic today was manlift safety.
- 2) 0730 to 0835 hours MP went to Plumber's Warehouse to purchase a 1 1/2" seismic emergency shut down valve for the gas line. Gave the valve to CLEVECO and they installed valve.
- 3) Mark Wanek (TN&A) and Tony Simons (TN&A) on site for GW sampling.
- 4) 1015 hours met with Neil Coy (ERM) and was advised that having the 16KVA power turned on at the Riverfront Park Transformer would not impact the pulling of main wires. MP called Tim at SCE and left message to turn power back on. Tim is off until Tuesday 2/20/07.
- 5) 1120 to 1220 hours MP met with Charles Randolph (AT&T) at the site to go over the details of what infrastructure is required by AT&T prior to them installing the four (4) line service inside the control room east side of TC Building. AT&T provided a work sheet and that was forwarded to JW and a copy is being kept on site.
- 6) 1410 hours ERM accepted delivery of booster pump skid.
- 7) 1430 hours MP met with Ken Clevenger to go over work scheduled for next week including the AT&T work sheet and the plans to perform limited excavations in the ERH area to expose the VE-3 header line in suspected area(s) of leaks.
- 8) Dust monitoring performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	0.000	0.618
Upgradient (1010)	0.000	2.093

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 3:30 PM (1/2 hour lunch)

(1 Technician and 2 Supervisors {Ken and Andrew Clevenger}) Equipment: F-350 truck, All terrain high reach forklift, hand tools

CLEVECO crew worked on the installation of the fiberglass return line for the FTO scrubber, painted and installed the fabricated curb box (enclosure) for the larger roof opening. Framed out the opening for the smaller roof penetration for FTO scrubber return line.

Ken Clevenger and MP reviewed the ERH northern area in location of VE-3 trench. MP and KC reviewed the AT&T plans and requirements to install a landing board inside the control room and weatherhead installation on the outside of the west wall of TC Building.

Blaine Technical Services (2 Field Technicians and 2 Sampling Rigs) 07:00 AM ~ 5:00 PM

BTS, Inc. on site with two (2) GW sampling trucks. Tony Simons (TN&A Sampling Technician) on site for sampling. Fifteen (15) groundwater wells were sampled today. GW wells sampled

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was manlift safety.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor, 1 Technician, and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit. Jesse Hottenstein on site at 0700 to assist with construction duties. Debbie Taege onsite at 0740 for QC duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Installed unistrut for 1 ½" CPVC piping to the GW carbon vessels from the FTO heat exchanger (H-401).
2. Plumbed the transfer pump (P-202) to the cooling water tank (T-202) and anchored P-202 to the slab.
3. Installed ½" ABS air line from dryer on compressor to FTO.
4. Installed miscellaneous gauges throughout the system, including TIT-102 and PI-102.
5. Installed additional unistrut for approximate 4 ft unistrut spacing on smaller diameter pipe (versus 10 ft spacing).

Jacob & Heffner 7:00 AM ~ 3:00 PM (4 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).
2. Connect tubing to groundwater pumps and installed them in the following wells: DAB-6, DB-6, and DA-6.
3. Also completed piping in the above listed wells (with the exception of the ¼" tap for the flow port in each).

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Jeffries Electrical 7:00 AM ~3:00 PM (3 technicians)

Jeffries Electric crew worked on the following:

1. Pulled wire for instruments on compressor (K-601) system to PLC.
2. Installed 480V wires to transfer pump (P-401).
3. Installed 110V float control on booster tank (T-401).
4. Completed several terminations in the PLC.
5. Installed 1" stub-outs for instruments on south side of the building.
6. Installed 1 ½" conduit drops for instruments on north side of building.

ERM Quality Assurance/Quality Control Notes:

Safety caps were placed on remaining unistrut that has been installed for the system.

Minor redlines were to the drawings for the following (as approved by Mark and Neil):

1. The design specs called for a 3" butterfly valve (V-454) on a ¾" line from the VC package to the sewer. The valve (V-454) was changed to a ¾" ball valve.
2. The design specs called for a ¾" flanged butterfly valve (V-453) on the ¾" line from the VC package to the holding tank (T-402). This valve (V-453) was changed to a ¾" ball valve (true union).

Also, the booster pump for the water treatment arrived onsite.

Gregg Drilling, Inc. (GDI) 7:00 AM ~ 3:40 PM

(2 Drillers, and 4 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 HSA drill rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.

TRS (One supervisor) Danny Busyra on site to supervise Gregg Drilling and to construct electrodes.

1. The M-11 drill rig worked on completion of construction of electrode F8 to 100' bgs. Completed to 12' bgs.
2. B-61 drill rig crew worked on grouting electrodes and installing electrode heads on the electrodes installed this week.

Note: There is one (1) more electrode to be installed as of end of day today. B6 to be installed next week.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070219

Delivery Order #:06

Date: 2-19-2007

Weather: Showers AM Sunny
PM

Temp. (max & min): 51 - 68

Rainfall (in): .10

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0650 hours. Security was onsite. ERM, TRS, Gregg Drilling, Dave Jeffries Electrical, ICS, and Blaine Technical Services were on site at 0700 hours. ERM conducted tailgate a safety meeting today. ERM tailgate safety topic today was proper use of designated break areas and food and beverage consumption outside of the TC. Mark Wanek and Mark Prostko conducted tailgate meeting with Vironex and discussed the problems with traffic and pedestrians (school children) in the areas where they are working today and tomorrow.
- 2) 0730 hours Mark Wanek (TN&A) and Tony Simons (TN&A) on site for GW sampling.
- 3) 0820 hours MP spoke to SCE (Mike Frazer) about turning the power to the Park transformer on. Was advised to contact the City of Maywood (Dave Mango) to schedule an inspection of the replacement breaker installation (800A). MP contacted John Wingate and relayed this information. JW sent and email to Dave Mango today.
- 4) 0945 Edwin from Earth Tech is on site to switch locations of the valves on FTO influent lines. Valves were switched. Remaining work to complete is the installation of a conduit plug on one of the limit switches and installation of wire mesh on the outlet for the 6" line.
- 5) 1330 hours dug a small trench south of DB-10 with backhoe and located 6" x 2" schedule 40 PVC (GW-3) and 2" schedule 40 PVC (DPE-C). Still trying to locate VE-3 (2") and 2" x 4" schedule 40 PVC reducer to 4" CPVC connection.
- 6) ~1330 hours John Hartley (USACE) arrived on site. MP and JH walked the site to go over the status of all subcontractors and work associated with each one on site.
- 7) Dust monitoring not performed today due to weather conditions (rain showers). The monitoring schedule normally includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	NA	NA
Upgradient (1010)	NA	NA

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 3:30 PM (1/2 hour lunch)

(1 Technician and 1 Supervisor {Andrew Clevenger}) Equipment: F-350 truck, All terrain high reach forklift, hand tools

CLEVECO crew worked on and completed the secondary roof penetration and installation of the FTO scrubber fiberglass return piping. Crew also worked on installation of a threaded sample port as required by Sanitation District of LA County in the sewer sample box lid located on the south side of the TC Building. Crew installed the 1 1/2" seismic gas valve (emergency shut off valve) on the gas service near the entrance to the building. The Gas Company will be on site later this week to complete the tie-in.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was proper use of designated break areas and food and beverage consumption outside of the TC.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor, 1 Technician, and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit. Jesse Hottenstein on site at 0700 to assist with construction duties. Debbie Taege onsite at 0740 for QC duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Completed 3/4" CPVC piping from heat exchanger condensate tank (T-201) to liquid treatment system (T-402 or sanitary sewer).
2. Completed 2" PVC piping from cooling tower (CT-201) to heat exchanger (H-201).
3. Completed drain manifold (3/4" PVC piping) on inlet/outlet of heat exchanger (H-201).
4. Rerouted 3/4" PVC piping from heat exchanger (H-201) to holding tank (T-402) to make room for electrical conduit.
5. Installed additional 3/4" pipe unistrut supports.
6. Installed the bellow (between the secondary containment tank and pipe) for the caustic tank (T-901).

Jacob & Heffner 7:00 AM ~ 3:00 PM (4 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).
2. Completed piping at wellheads for DB-5 and DA-5.
3. Continued wellhead manifold construction at DA-6 and DB-6: tapped 3/4" hole and installed 3/4" x 1/8" reducer bushing. Also installed 1/8" plug.

Jeffries Electrical 7:00 AM ~ 3:00 PM (3 technicians)

Jeffries Electric crew worked on the following:

1. Completed 110V and instrument drops on the north end of building.
2. Continued work on 110V and instrument drops on the south end of building.

ERM Quality Assurance/Quality Control Notes:

Roof penetrations in the TC above the FTO were left open and unsealed over the weekend. A small amount of rain entered the TC, however no water damage to the FTO was observed. The fiberglass sampling tee for the FTO has still not arrived on site.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

There have been some minor issues with receiving packages at the site and recipients not being aware that shipments have been signed for and received. Therefore, all packages that are signed for should be left inside or just outside the trailer until claimed. Individuals signing for packages should notify the recipient of arrival.

The pressure test form for the testing of the gas line from the stub out to the FTO was revised to accurately represent the details of the pressure test (passed).

Gaskets for the moisture separator (T-101) were reviewed for material compatibility. Currently, gaskets are neoprene and need to be viton, Teflon, or another material compatible with chlorinated solvents. New gaskets will be cut and shipped next week.

Blaine Technical Services (2 Field Technicians and 2 Sampling Rigs) 07:00 AM ~ 5:00 PM

BTS, Inc. on site with two (2) GW sampling trucks. Tony Simons (TN&A Sampling Technician) and Dave Allen on site for sampling. Fourteen (14) groundwater wells were sampled today. GW wells sampled B-3, B-4, PD-5, PC-5, DB-09, B-22, SV-1, DA-09, PD-04, PC-6, MW-14-90, B-7, PB-4, and B-8.

**Gregg Drilling, Inc. (GDI) 7:00 AM ~ 4:30 PM
(2 Drillers, and 4 helpers) Equipment: B-61 (D-12) HSA drill rig, M-11 HSA drills rig, one rubber-tired heavy duty fork lift, and S-17 and S-52 support trucks.**

TRS (One supervisor) Danny Busyra and Jeff Fujita on site to supervise Gregg Drilling and to construct final electrode.

1. The M-11 drill rig worked on completion of construction of electrode F8. Also crews worked on completing all electrode wellhead piping not completed and site clean-up/demobilization of unused equipment.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.
[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

None

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070220

Delivery Order #:06

Date: 2-20-2007

Weather: Partly Cloudy

Temp. (max & min): 51 - 66

Rainfall (in): .00

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0650 hours. Security was onsite. ERM, TRS, Gregg Drilling, Dave Jeffries Electrical, ICS, Vironex and Blaine Technical Services were on site at 0700 hours. ERM conducted tailgate a safety meeting today. ERM tailgate safety topic today was . TN&A tailgate topic was to remind all workers to keep pathways and walkways inside the TC Building clear of equipment, materials, and waste.
- 2) Note: Vironex crew, supervised by Mark Wanek (TN&A) was also on site Monday 2/19/07 for soil gas sampling in the surrounding neighborhood.
- 3) 0700 Edwin (Earth Tech) and Tim (Earth Tech) arrived on site. Earth Tech mobilized a Bobcat. Did not use Bobcat. Crew used backhoe on site to locate the 2" x 4" schedule 40 PVC reducer north of DA-10 on VE-3 line. Earth Tech operator worked with MP until 1330 hours. While locating the 2" x 4" reducer for VE-3 line the backhoe clipped the 6" outer piping for DA-10 lateral between vault and GW-3 header. There was inadequate caution/ warning tape in this area to assist operator with location of buried pipes.
- 4) 0700 hours Mark Wanek (TN&A), Tony Simons (TN&A), Jacques Marcillac (TN&A) and Harvinger (TN&A) on site for GW and soil gas sampling.
- 5) 0730 hours John Hartley (USACE) arrived on site.
- 6) Belshire on site to remove two (2) 20 CY roll off containers.
- 7) TRS and Gregg Drilling completed electrode construction and demobilized all drilling equipment and support vehicle.
- 8) 1230 hours 8" fiberglass exhaust stack w/sample ports and 8" fiberglass pipe (FTO to H-201) with sampling ports arrived on site.
- 9) JH, MP and DK left site at 1705 hours.
- 10) Dust monitoring performed today. The monitoring schedule normally includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	0.000	0.099
Upgradient (1010)	0.000	1.978

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 3:45 PM (1/2 hour lunch)

(1 Technician and 1 Supervisor {Andrew Clevenger}) Equipment: F-350 truck, All terrain high reach forklift, hand tools

CLEVECO crew worked on installation of the 8" fiberglass stack for B-301. Crew continued to frame out the roof penetration for the B-301 stack. Crew completed sealing the smaller penetration for the FTO scrubber return line. Crew excavated six (6) 12" diameter x 2.5' boreholes holes for bollards to be installed around the gas service entrance to TC Building and around the equipment pad east side of TC Building.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was safety under overhead working being performed.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit. Debbie Taege onsite at 0830 for QC duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Connected 3" CPVC piping from valve V-448 on liquid carbon manifold to the sample box (T-405).
2. Completed 1" CPVC manifold from heat exchanger (H-201) to condensate tank (T-201).
3. Installed fiberglass (8" x 90") FTO sample port line from heat exchanger to (H-401) the FTO.
4. Installed 2" piping from booster tank (T-401) to 2" line existing on the north side of TC building connecting to sumps.
5. Drilled several holes in skids for anchoring equipment.

Jacob & Heffner 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).

Jeffries Electrical 7:00 AM ~ 3:00 PM (3 technicians)

Jeffries Electric crew worked on the following:

1. Completed feed to booster pump (P-401).
2. Wired 480V terminals and terminated ends.
3. Completed 110V signal and instrument drops on south end of building.

ERM Quality Assurance/Quality Control Notes:

Fiberglass (8" x 90") FTO sample port line (provided by TN&A) from heat exchanger to (H-201) the FTO arrived and was installed. Roof penetrations in the TC above the FTO were then sealed.

Blaine Technical Services (2 Field Technicians and 2 Sampling Rigs) 07:00 AM ~ 5:00 PM

BTS, Inc. on site with two (2) GW sampling trucks. Tony Simons (TN&A Sampling Technician) and Dave Allen on site for sampling. Sixteen (16) groundwater wells were sampled today. GW wells sampled DA-6, DB-6, B-21, B-27, TB022007, DB-5, B-19, B-32, DA-5, DB-8, B-31, B-17, B-18, DA-8, B-1, and SV-5.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Gregg Drilling, Inc. (GDI) 7:00 AM ~ 3:30 PM

(1 Driller, and 1 helper) Equipment: M-11 HSA drill rig, one rubber-tired heavy duty fork lift and S-52 support truck.

TRS (One supervisor) Danny Busyra and Jeff Fujita on site to supervise Gregg Drilling in site clean up and demobilization of all equipment.

1. The M-11 drill rig crew cleaned up the ERH area and stockpiled remaining pallets of leftover electrode materials in north area of ERH area and demobilized from the site.
2. TRS advised that they would return to the site Monday February 26th to begin above grade piping for ERH system.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

DA-10 outer containment pipe (6" schedule 40 PVC) between well vault and GW-3 header was broken. Inner pipe (2") was not broken. Will make repairs to outer 6" pipe and backfill.

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070221

Delivery Order #:06

Date: 2-21-2007

Weather: Mostly Sunny

Temp. (max & min): 50 - 70

Rainfall (in): .00

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0700 hours. Security was onsite. ERM, Dave Jeffries Electrical, ICS, Vironex and Blaine Technical Services were on site at 0700 hours. ERM conducted tailgate a safety meeting today. ERM tailgate safety topic today was . TN&A tailgate topic was EM 385-1-1 Accident Prevention Signs, Tags, Labels, Signals, Piping System Identification and traffic control.
- 2) 0730 hours John Hartley (USACE) and John Wingate (TN&A) arrived on site. Rick Lainhart (USACE) on site today for QA inspection.
- 3) 0730 hours Belshire on site to remove one (1) 20 CY roll off container.
- 4) Harvinder Keila (TN&A) and Mark Wanek (TN&A) on site today overseeing Vironex and the off site soil gas sampling.
- 5) Dave Mango called MP at 0945 hours to advise that he has released SCE to return power to the transformer that was disconnected 2/13/07 by SCE (TN&A installed new 800A breaker 2/15/07).
- 6) 1000 hours MP called Mike Frazer (SCE) to inquire about the schedule for turning the power to the transformer on. Mike Frazer indicated he would attempt to schedule this for Thursday 2/22/07.
- 7) 1100 hours MP called AT&T Charles Randolph and advised that the 2" weather head and landing board would be installed by the COB today. Charles Randolph indicated that AT&T has assigned addresses to the project DSL. He will contact the installation department of AT&T and that department will contact TN&A to schedule installation of lines from existing AT&T infrastructure located at the southeast corner of Walker Avenue and 60th Street.
- 8) 1500 hours JH, Ken Clevenger and Mark Prostko discussed schedule for site grading (within two weeks). Also agreed to hold off on installation of 6" valves for VE-3 and VE-4 until further pressure testing of exposed VE-3 connections near DA-10 and DB-10 is completed.
- 9) Dust monitoring performed today. The monitoring schedule normally includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	0.003	0.108
Upgradient (1010)	0.000	0.450

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 4:15 PM (1/2 hour lunch)

(1 Technician and 1 Supervisor {Andrew Clevenger}) Equipment: F-350 truck, All terrain high reach forklift, hand tools

CLEVECO crew worked on completion of installation of the 8" fiberglass stack for B-301. Per requirements of AT&T the crew completed the installation of the 2" rigid metal conduit, landing board (backboard for AT&T) 2" exterior weather head and supporting brackets for the 2" vertical length of rigid metal conduit.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was slips, trips, and falls.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor, 1 Technician, and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping and instruments inside TC Building and Jeffries installing electrical conduit. Jesse Hottenstein onsite to assist with piping/construction. Debbie Taege onsite at 1030 for QC duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Installed five (of the seven total) sump boxes for condensate sumps on vapor extraction lines.
2. Drilled holes and anchored various equipment in TC.

Jacob & Heffner 7:00 AM ~ 3:00 PM (2 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).

Jeffries Electrical 7:00 AM ~ 3:00 PM (3 technicians)

Jeffries Electric crew worked on the following:

1. Ran ¾" conduit from motor starters to building fans and thermostats.
2. Pulled all wire for the 120V control to the PLC.
3. Ran ¾" conduit to the fan motor on the cooling tower.

ERM Quality Assurance/Quality Control Notes:

Electrical conduit to vapor extraction sumps (for float switch) was changed from 1 ½" branching conduit to ¾" individual lines and was noted on redline drawings.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Blaine Technical Services (2 Field Technicians and 2 Sampling Rigs) 07:00 AM ~ 5:00 PM

BTS, Inc. on site with two (2) GW sampling trucks. Tony Simons (TN&A Sampling Technician) and Dave Allen on site for sampling. Nine (9) groundwater wells were sampled today. GW wells sampled DB-12, DA-12, DAB-8, B-20, PL-2, B-37, MW-4-75, MW-4-90, and MW-25-130.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

From 2/20/07: DA-10 outer containment pipe (6" schedule 40 PVC) between well vault and GW-3 header was broken. Inner pipe (2") was not broken. Will make repairs Wednesday 2/28/07 to outer 6" pipe and backfill.

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: T N & Associates		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 20070222	Delivery Order #:06	Date: 2-22-2007
Weather: Mostly Cloudy AM Rain Showers PM	Temp. (max & min): 50 - 61	Rainfall (in): .05
<p>1. Work performed today by primary contractor on site and/or off site:</p> <ol style="list-style-type: none"> 1) MP (TN&A) on site at 0700 hours. Security was onsite. ERM, Dave Jeffries Electrical, ICS, Vironex and Blaine Technical Services were on site at 0700 hours. ERM conducted tailgate a safety meeting today. ERM tailgate safety topic today was proper PPE and trips and slips. 2) Mark Wanek, Dave Allen and Tony Simons (TN&A all) on site for GW sampling by Blaine Technical Services and to oversee soil gas sampling off site by Vironex. 3) 0730 hours John Hartley (USACE) arrived on site. Rick Lainhart (USACE) on site today for QA inspection. 4) 1000 to 1030 hours MP on phone call with AT&T to schedule installation of AT&T lines (four line service) to TC Building. AT&T committed to February 27th 800 AM to 1200 Noon. 5) 1100 hours to 1225 hours weekly progress meeting. Participants included representatives from the USACE(Rick Lainhart and John Hartley on site), EPA (Rose Marie Caraway on site), TN&A (Tim Garvey phone, John Wingate phone, Mark Prostko on site), and ERM (Neil Coy, Debbie Taege on site, Rudy Millan phone) Items discussed and results were: <ol style="list-style-type: none"> 1. TN&A provided and reviewed the updated 3 week look ahead schedule. 2. Discussion about 4" silencer for air dilution valve to be continued after the meeting with TN&A and ERM. JH offered to pay for the parts. 3. Mechanical punchlist is requested from TN&A by Rudy Millan (ERM) by Tuesday February 27th. 4. Discussion about the scheduled start-up of FTO on March 5th. A group decision was made to delay the FTO start-up until March 13th to allow additional time for PLC testing. 5. Rudy Millan stated that installation of health and safety signage will begin Monday February 26th. 6. Caustic delivery is currently scheduled for March 16th. 7. Contaminant vapors for testing the system are required by March 15th. MPE goal is March 15th. 8. The construction phase of this project is scheduled to end March 15th. 9. The goal for the final O&M Plan is March 30th. (Rudy Millan) 10. John Wingate is evaluating the fencing and security system proposals that are incoming. Rosie Caraway requested copies of proposals. 11. JH asked what was going to be done concerning security in the ERH area. JH requested a cost analysis for automated security compared to on site personnel security. 12. Rosie Caraway stated that she wanted on site security coverage for the first 3 months in ERH area after the system (ERH) has been installed. 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

13. There are questions from Dave Jeffries concerning the FTO panel and landing wires.
14. Source testing was discussed and there is a general agreement to push the start date back to early April 2006. The actual date has not been set.
- 6) After consultation with Edwin from EarthTech, MP ordered one (1) 8" PVC schedule 80 Van Stone flange for the FTO dilution line as part of the fix for the relocation of valves on the FTO inlet as fabricated by Anguil.
- 7) The Gas Company installed gas meter today. Was advised at the end of the day that the seismic valve was not allowing gas to pass to the FTO gas piping inside the building.
- 8) Dust monitoring not performed today due to rain showers. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1135)	0.000	0.000
Upgradient (1010)	0.000	0.000

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 4:15 PM (1/2 hour lunch)

(1 Technician and 1 Supervisor {Andrew Clevenger}) Equipment: F-350 truck, All terrain high reach forklift, hand tools

Ken Clevenger on site for one hour in AM to direct the crew on work for the day. CLEVECO crew worked on completion of bollard installation including painting. Crew installed a threaded sample port in the sample box located south side of TC. Crew began fabrication of steel catwalk for T-403/T-404 carbon adsorbers. Crew installed ladder (ladder from T-901) to provide guide for aligning the catwalk frame. Crew fabricated and installed angle frame for catwalk. Crew secured the excavation near DA and DB 10.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was proper PPE and trips and slips.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 4:45 PM

(1 Supervisor, 1 Technician, and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping, instruments and anchoring equipment inside TC Building. Supervised Jeffries installing electrical conduit and pulling wires. Jesse Hottenstein onsite to install 2 inch piping from overflow and manual drain to sump on SW corner of cooling tower pad. Debbie Taege onsite at 1230 for QC duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (1 supervisor, 1 technician)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Installed two (of the seven total) sump boxes for condensate sumps on vapor extraction lines.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Ran 1 inch piping from condensate sump vaults to north TC building wall.
3. Drilled holes and anchored skids for F-501 and 502, F-401 and 402, F-103 and 104 in TC.

Jacob & Heffner 7:00 AM ~ 3:00 PM (4 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).
2. Assembled well heads DB-7 and DA-7, DB-4 and DA-4.

Jeffries Electrical 7:00 AM ~3:00 PM (1 supervisor, 3 technicians)

Jeffries Electric crew worked on the following:

1. Pulled wires in conduit from motor starters to building fans and thermostats.
2. Pulled wires in ¾" conduit to the fan motors on the cooling tower and the chiller.
3. Finished low voltage instrument wiring on north side of TC building.
4. Mounted transformers on water softener tank.
5. Ran 120v conduit from FTO panel to water softener tanks.
6. Pulled wires for level sensors on Tank 201.

Blaine Technical Services (2 Field Technicians and 2 Sampling Rigs) 07:00 AM ~ 5:00 PM

BTS, Inc. on site with two (2) GW sampling trucks. Tony Simons (TN&A Sampling Technician) and Dave Allen on site for sampling. Twelve (12) groundwater wells were sampled today. GW wells sampled B-10, MW-26-90, DB-10, B-13, B-36, DA-11, MW-25-110, DB-11, MW-3-90, MW-19-70, MW-3-70 and MW-19-90.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

From 2/20/07: DA-10 outer containment pipe (6" schedule 40 PVC) between well vault and GW-3 header was broken. Inner pipe (2") was not broken. Will make repairs Wednesday 2/28/07 to outer 6" pipe and backfill.

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070223

Delivery Order #:06

Date: 2-23-2007

Weather: Partly Cloudy

Temp. (max & min): 50 - 61

Rainfall (in): .00

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0700 hours. Security was onsite. ERM, Dave Jeffries Electrical, ICS, Vironex and Blaine Technical Services were on site at 0700 hours. ERM conducted tailgate a safety meeting today. ERM tailgate safety topic today was maintenance and inspection of equipment and hand tools.
- 2) Dave Allen and Tony Simons (TN&A all) on site for GW sampling by Blaine Technical Services.
- 3) 0730 hours Rick Lainhart (USACE) on site today for QA inspection all day.
- 4) 1000 hours AT&T on site and installed the wires from the AT&T box on Walker and 60th Street to the TC Building control room.
- 5) 1030 hours MP called SCE (Mike Frazer) about turning power on at the Park transformer.
- 6) 1200 hours SCE dispatched a technician to turn the power on at the Park transformer.
- 7) 1400 hours Ken and Andrew Clevenger working on resetting the seismic gas emergency shutoff valve. The valve is working. While pressurizing the system inside the building a leak in the FTO gas piping was discovered. The leak is in piping that was assembled at the factory. Notified John Wingate of the problem.
- 8) FedEx delivery of piping for TRS ERH area arrived ahead of schedule. There was nobody on site from TRS nor was there a piece of equipment to unload material. MP called Paul Bianco (TRS) and advised him of situation.
- 9) 1" Schedule 40 PVC pipe for water line to ERH area delivered by Harrington Supply.
- 10) Dust monitoring not performed today due to rain showers from last night and the area was damp from last night rainfall. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	NA	NA
Upgradient (1010)	NA	NA

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 3:30 PM (1/2 hour lunch)

(1 Technician and 1 Supervisor {Andrew Clevenger})

Equipment: F-350 truck, hand tools

Ken Clevenger on site from 1:30 PM to 4:00 PM.

Crew continued to fabricate and install the steel catwalk for T-403/T-404.

AT&T showed up three days ahead of schedule. Crew was pulled off the work to finish the installation of the backboard on the interior wall of the control room to allow AT&T technician to terminate the wires they ran from the intersection of 60th Street and Walker.

Ken Clevenger on site in PM. CLEVECO crew worked on the 1 1/2" seismic gas valve on the exterior of the TC Building. Valve would not reset for The Gas Company technician Thursday 2/22/07. Andrew Clevenger took the valve apart and found mechanism for activating the valve was disconnected. Made repairs and tested valve. Valve works. While testing the seismic valve the crew discovered a leak in the gas piping fabricated by Anguil. MP notified JW of the problem.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was maintenance and inspection of equipment and hand tools.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor, 1 Technician, and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping, instruments and anchoring equipment inside TC Building. Supervised Jeffries installing electrical conduit and pulling wires. Jesse Hottenstein onsite to install 2" and 1" unions to cooling tower plumbing. Jay Dablow onsite at 0700 for QC duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (1 supervisor, 1 technician)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Installed ½" stainless line from caustic pump (P-901) to FTO (FTO-101), although not connected.
2. Installed 1 ½" schedule 80 pipe from water supply line in TC to cooling water tank (T-202) and to auto fill reservoir on cooling tower (CT-201).
3. Completed installation of air line from desiccant dryer (D-601) on compressor to FTO.

Jacob & Heffner 7:00 AM ~ 3:00 PM (5 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).
2. Connected tubing to pumps and installed pumps in the following wells: DB-2, DAB-3, DAB-2, DAB-4, DAB-8, DAB-5, DA-12, and DB-12.

Jeffries Electrical 7:00 AM ~ 3:00 PM (1 supervisor, 3 technicians)

Jeffries Electric crew worked on the following:

1. Pulled wires for caustic pump (P-901).
2. Installed ¾" conduit for 110V power supply for water softener tanks.
3. Pulled wires for level switches (LSL-901 and LI-901) on caustic tank (T-901).
4. Continued work on terminations for instruments throughout the TC.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

ERM Quality Assurance/Quality Control Notes:

System construction was reviewed and compared to the P&ID to develop a punch list for remaining mechanical items to be completed.
QC review noted a missing gasket for the 3" flange in the GW piping to the GW carbon vessels. This will be installed/repared immediately.

Blaine Technical Services (1 Field Technician and 1 Sampling Rig) 07:00 AM ~ 4:00 PM

BTS, Inc. on site with one (1) GW sampling truck. Tony Simons (TN&A Sampling Technician) and Dave Allen on site for sampling. Seven (7) GW's sampled
MW-24-110, DA-10, MW-26-75, MW-24-140, RW-1-95, TMP-38, TMP-3A

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

From 2/20/07: DA-10 outer containment pipe (6" schedule 40 PVC) between well vault and GW-3 header was broken. Inner pipe (2") was not broken. Will make repairs Wednesday 2/28/07 to outer 6" pipe and backfill.

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 20070226

Delivery Order #:06

Date: 2-26-2007

Weather: Partly Cloudy

Temp. (max & min): 49 - 62

Rainfall (in): .00

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0700 hours. Security was onsite. ERM, Dave Jeffries Electrical, ICS, Vironex and Blaine Technical Services were on site at 0700 hours. ERM conducted tailgate a safety meeting today. ERM tailgate safety topic today was maintenance and inspection of equipment and hand tools.
- 2) 0715 hours Dave Allen and Tony Simons (TN&A all) on site for GW sampling by Blaine Technical Services.
- 3) 0930 hours Rick Lainhart (USACE) on site today for QA inspection all day.
- 4) 1000 hours MP met with Danny Busyra (TRS) in ERH area to discuss working area/space requirements needed by TN&A and Vironex next week for injection of soybean oil at MW-03 beginning on Tuesday 3/06/07.
- 5) 1150 hours John Wingate on site to meet with local candidate for O/M of TC after the one month period of O/M completed by ERM.
- 6) 1400 hours MP called Consolidated Container to pick up full 40 CY rolloff of C&D and have a new one placed on Tuesday 2/27/07.
- 7) 1500 hours MP inspected Riverfront Park Metering cabinet. All three meters are live. MP inspected work completed by AT&T on Friday 2/23/07. AT&T has terminated their wires inside the control room on the backboard as planned.
- 8) 1530 hours Rick Lainhart discussed open trench in ERH area with MP and reviewed safety concerns with MP. MP discussed the safety of the open excavation with Ken Clevenger as work in the excavated area is imminent.
- 9) Dust monitoring performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1135)	0.000	0.210
Upgradient (1010)	0.000	0.334

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

9:00 AM ~ 4:30 PM (1/2 hour lunch)

(1 Technician and 1 Supervisor {Ken Clevenger})

Equipment: F-350 truck, air compressor and airline, hand tools

Andrew Clevenger continued to work on the fabrication and installation of framed portions of the steel catwalk also including the expanded steel walking surface for T-403/T-404. Andrew also painted the framework for the catwalk with hi-visibility yellow paint after discussion with Rick Lainhart.

Ken Clevenger laid 300 LF of 1" PVC water line along the eastern wall of project for use in ERH area.

Ken Clevenger and MP pressurized VE-3 at condensate sump vault flange in PM. Pressurizing to 5 psi. Pressure drop of 1 psi every 2 minutes. Rick Lainhart observed. MP cleaned out excavation in ERH area where VE-3 fittings near DA-10 are exposed. Exposed lateral connection from DA-10 to GW-3 header to prepare for the area for repairs Thursday. Crew installed guy wires for 8" fiberglass stack B-301 on roof of TC Building.

Thermal Remediation Services, Inc. (TRS) 7:00 AM ~ 4:30 PM (1 supervisor, 2 technician from CES subcontractor)

Danny Busyra on site at 0700 hours. Two (2) technicians from CES on site and were given safety briefing/orientation. Crew then continued with layout of piping in ERH area.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was proper PPE.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 3:30 PM

(1 Supervisor, 1 Technician, and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping, instruments and anchoring equipment inside TC Building. Supervised Jeffries installing electrical conduit and pulling wires. Jesse Hottenstein onsite to install plumbing on booster pump to cooling tower, chiller, and FTO. Debbie Taege onsite at 1230 for QC duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (1 supervisor, 1 technician)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Plumbed domestic water inlet into the TC to water softeners.
2. Installed flow meter for water softeners.
3. Installed air line manifold for cooling tower pump (P-201) and cooling water tank pump (P-202).
4. Installed 1 ½" supports for 1 ½" water pipe from booster pump to cooling water tank (T-202).
5. Anchored pumps P-201 and P-202 to slab.
6. Completed ½" stainless steel line from metering pump (P-901) to FTO.
7. Installed supports for the ½" stainless steel line to FTO.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Jacob & Heffner 7:00 AM ~ 3:00 PM (1 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).

Jeffries Electrical 7:00 AM ~3:00 PM (1 supervisor, 2 technicians)

Jeffries Electric crew worked on the following:

1. Continued work on terminations for instruments throughout the TC.
2. Terminated wiring into booster pump and level indicator (LI-901) on caustic tank.
3. Installed wiring for floats on well sumps.

ERM Quality Assurance/Quality Control Notes:

Missing gasket for the 3" flange in the GW piping to the GW carbon vessels was installed/repaired.

Blaine Technical Services (1 Field Technician and 1 Sampling Rig) 07:00 AM ~ 3:30 PM

BTS, Inc. on site with one (1) GW sampling truck. Tony Simons (TN&A Sampling Technician) and Dave Allen on site for sampling. GW's sampled DA-4, DB-4, MW-27-90, MW9-70, MW9-85, and MW14-90.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

From 2/20/07: DA-10 outer containment pipe (6" schedule 40 PVC) between well vault and GW-3 header was broken. Inner pipe (2") was not broken. Will make repairs Wednesday 2/28/07 to outer 6" pipe and backfill.

Discovered 2/22/07 by Rick Lainhart. Missing gasket for the 3" flange in the GW piping to the GW carbon vessels was installed.

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT		
Contractor's Name: T N & Associates		
Contract Number: DACA45-00-D-0006		
Site Name & Location: Pemaco; Maywood, CA		
<p style="text-align: center;">INSTRUCTIONS</p> <p>The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.</p>		
Report #: 2007027	Delivery Order #:06	Date: 2-27-2007
Weather: Partly Cloudy	Temp. (max & min): 53 - 63	Rainfall (in): .17
<p>1. Work performed today by primary contractor on site and/or off site:</p> <ol style="list-style-type: none"> 1) MP (TN&A) on site at 0700 hours. Security was onsite. ERM, Dave Jeffries Electrical, ICS, and Jacob & Heffner personnel were on site at 0700 hours. ERM and TN&A conducted tailgate a safety meeting today. ERM tailgate safety topic today was proper use of ladders and manbooms. TN&A tailgate safety meeting was a review of open trench and excavation safety EM 385-1-1 pages 490-491 and excavations greater than 5'. Crew shored excavation in ERH area near DA and DB-10 in the afternoon as it exceeded 5' in depth in some areas. 2) 0700 Dave Allen on site with Blaine Technical Services working on MW-27-90. 3) 0730 Paul Bianco (TRS) on site for supervision of the header piping system installation for the ERH area. 4) 0750 hours John Wingate on site. JW met with Neil Coy and decided the final location of safety shower/eyewash stations with input from Rick Lainhart. 5) 0800 truckload of material was delivered, unloaded and stored by Dave Allen. 15- 55 gallon drums of sodium lactate 60% and 1 carboy of sodium bromide was staged near ERH area entrance. 6) Rick Lainhart on site for QA inspections for entire day. 7) 0900 - 1200 hours CLEVECO and MP completing pressure testing at VE-3 and VE-4. John Wingate took field data and made calculations to be provided to John Hartley (USACE). Small leak discovered at 4" tee near DA-10 on VE-3 line. Made repairs to leak. Re-pressure tested line still observing pressure drops. 8) 1200 hours Consolidated Container picked up full 40 CY container of C&D debris and returned with empty 40 CY container. 9) 1230 hours Dave Jeffries advised MP that the 800A breaker lug/blocks were not large enough to accept 600 KCMIL wire. The lug/blocks installed in the 800A breaker were the 500 KCMIL lugs taken from the 1200A breaker that was replaced. 10) 1400 hours John Hartley arrived on site. 11) 1430 hours MP and Paul Bianco (TRS) met in the ERH area to review working areas and schedule for the next week. TN&A has work at MW-03 and MW-27-90 scheduled week of March 5th. 12) 1630 hours MP contacted AT&T and ordered modem for DSL line in control room. AT&T will send technician with modem to the site Friday 3/2/07 and will waive charge for installation. 13) 1630 to 1755 JW and MP performed inspection walk through of GW line. Created punchlist for ERM mechanical installation of GW line inside the TC Building. Will continue with working on the punchlist Wednesday for air and vapor line mechanical installations. 		

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

- 14) Dust monitoring performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mg/m3)</u>	<u>Max (mg/m3)</u>
Downgradient (1135)	0.000	0.204
Upgradient (1010)	0.000	0.000

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 1:30 PM (1/2 hour lunch)

(1 Supervisor {Ken Clevenger} and 2 technicians)

Equipment: F-350 truck, air compressor and airline, welding machine and hand tools

Andrew Clevenger completed fabrication, installation and painting work on steel catwalk for T-403/T404. Crew installed two (2) flush mount sewer cleanout boxes on south side of TC Building for system sewer discharge line. Also found broken joint and repaired 4" sewer stub out near WW Henry compound.

Ken Clevenger and MP set-up air compressor, air lines, pressure gauges and pressure tested VE-3 and VE-4 lines from the condensate sump locations back to the ERH area. Results and John Wingate calculations are recorded on a separate QC report to be provided.

Crew left site at ~1:30PM. Andrew Clevenger demobilized from the site.

Thermal Remediation Services, Inc. (TRS) 7:00 AM ~ 4:30 PM (2 supervisors, 2 technician from CES subcontractor)

Danny Busyra and Paul Bianco on site at 0700 hours. Two (2) technicians from CES on site. Crew continued for second day laying our CPVC pipe header and valves in ERH area.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was proper use of ladders and manbooms.

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 4:30 PM
(1 Supervisor, 1 Technician, and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping, instruments and anchoring equipment inside TC Building. Supervised Jeffries installing electrical conduit and pulling wires. Jesse Hottenstein onsite to assist with plumbing. Debbie Taege onsite at 1330 for QC duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:00 PM (1 supervisor, 1 technician)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Installed 1 ½" PVC line from booster pump to FTO.
2. Completed 3-way valve (V-452) to T-402.
3. Completed outlet manifold to pumps P-101 and P-102.
4. Completed inlet manifold to pumps P-101 and P-102.
5. Penetrated north TC wall and connected piping from P-101 and P-102 to stinger piping in vapor condensate sumps.
6. Capped opening on condensate tank T-201.
7. Installed pressure gauges on vapor manifold.

Jacob & Heffner 7:00 AM ~ 3:00 PM (1 technician)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).

Jeffries Electrical 7:00 AM ~3:00 PM (1 supervisor, 2 technicians)

Jeffries Electric crew worked on the following:

1. Pulled the main power from the park meter to the TC.
2. Pulled wire for low voltage sensor on caustic pump (P-901).

ERM Quality Assurance/Quality Control Notes:

Items on the punch list developed last week were continued. TN&A also started a punch list of items to compare the ERM's punch list as a QC measure.

Support pipes for stingers in vapor extraction sumps need to be installed to prevent vibration and movement of the stingers. Installation may be difficult due to depth of installation and spacing restrictions in the sump well vaults.

Blaine Technical Services (1 Field Technician and 1 Sampling Rig) 07:00 AM ~ 3:30 PM

BTS, Inc. on site with one (1) GW sampling truck. Dave Allen (TN&A) on site for sampling MW-27-90 and MW-27-75. Two wells sampled today.

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

From 2/20/07: DA-10 outer containment pipe (6" schedule 40 PVC) between well vault and GW-3 header was broken. Inner pipe (2") was not broken. Will make repairs Wednesday 2/28/07 to outer 6" pipe and backfill.

Foreseeable Issues

None

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative

RAPID RESPONSE QUALITY CONTROL DAILY REPORT

Contractor's Name: T N & Associates

Contract Number: **DACA45-00-D-0006**

Site Name & Location: Pemaco; Maywood, CA

INSTRUCTIONS

The contractor shall submit this form daily at the close of business to the on-site COE representative. Concurrently, the contractor shall provide electronic access to the completed forms to the COE district office and the area office.

Report #: 2007028

Delivery Order #:06

Date: 2-28-2007

Weather: Mostly Sunny

Temp. (max & min): 45 - 60

Rainfall (in): .00

1. Work performed today by primary contractor on site and/or off site:

- 1) MP (TN&A) on site at 0650 hours. Security was onsite. ERM, Dave Jeffries Electrical, ICS, Jacob & Heffner, TRS and CES were on site at 0700 hours. ERM and TN&A conducted tailgate a safety meeting today. ERM tailgate safety topic today is described below. TN&A tailgate topic was a reminder to everyone working in the ERH area that space is very limited back there now and constant eye contact/communication is required amongst the different contractors working in the area (TRS/CES, CLEVECO, Gregg Drilling, and a Bobcat is being used).
- 2) 0730 Rich Reynolds (Gregg Drilling) met MP on site. Made well inspection at MW 27-090. Reported findings to Jacques Marcillac (TN&A).
- 3) 0800 hours John Wingate on site.
- 4) 0800 hours to 1000 hours MP worked with CLEVECO and Bobcat Master on cleaning up and removing miscellaneous debris on site, empty pallets accrued, etc. Also supervised excavation and piping modifications made at DA-10 GW-3 connection.
- 5) 1100 hours MP ordered materials from Harrington Supply for Earth Tech FTO drain line punchlist as directed by JW and Edwin (EarthTech).
- 6) 1300 to 1530 hours MP, JW and JH made a visual inspection of the GW, air and vapor piping mechanical installation completed to date by ERM inside the TC Building and generated a written punchlist. The written punchlist will be given to Neil Coy and ERM Thursday 2/1/07. Note: There remains mechanical work to be completed therefore the punchlist is not intended to be the final punchlist. An electrical installation punchlist remains to be developed. Electrical work is ongoing.
- 7) Dust monitoring performed today. The monitoring schedule includes 2 units placed at the following locations: 1) Upgradient - north side of ERH area, and 2) Downgradient - Northwest corner of Pemaco office trailer. A time-weighted average (TWA) of dust concentrations as well as maximum concentration (max.) recorded by each unit are indicated below:

Area (Unit #)	Daily	
	<u>TWA (mq/m3)</u>	<u>Max (mq/m3)</u>
Downgradient (1135)	0.000	0.453
Upgradient (1010)	0.000	2.416

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

2. Work performed by subcontractors on site and/or off site (include a complete description):

Subcontractors:

Clevenger Construction, Inc. (General subcontractor)

7:00 AM ~ 4:30 PM (1/2 hour lunch)

(1 Supervisor and 1 technician)

Equipment: F-350 truck, air compressor and airline, hand tools

Bobcat Master (Subcontractor) 7:00 AM ~ 10:30 AM

(1 operator and 1 laborer)

Dump Truck, trailer, Bobcat and Bobcat attachments

Crew (Bobcat Master and laborer) worked on excavating a larger area to expose GW-3 lateral piping to DA-10. CLEVECO crew (2 men) worked on installing a section of 4" PVC pipe, 4" PVC coupling, 2" PVC coupling and 6" x 4" no hub coupling on the lateral from DA-10 to header for GW-3. Excavation is still open. Decided to cut Bobcat and second laborer loose after 3.5 hours on site.

Bobcat Master and laborer worked on removal of waste pallets, waste bagged materials, garbage, and miscellaneous debris in and around the site trailer area.

Crew installed gate valves on 1" PVC water line installed to the ERH area for use by TRS and their process. Ken Clevenger met with JW, JH and Rick Lainhart to discuss site grading plans. This work is pending and will be scheduled soon.

Thermal Remediation Services, Inc. (TRS) 7:00 AM ~ 4:30 PM (2 supervisors, 2 technician from CES subcontractor)

Danny Baysa and Paul Bianco on site at 0700 hours. Two (2) technicians from CES on site. Crew continues (third day) on working on layout of CPVC header piping in ERH area. Started assembling CPVC header N-S along the G and H electrode grid alignment.

Work performed today by ERM and subcontractors on site and/or off site:

ERM, ICS, Jacob & Heffner (J&H), and Jeffries onsite at 0700 hours. Tailgate safety meeting at 0730 hours with crews. Safety topic today was proper lifting techniques.

Environmental Remediation, Inc. (ERM) 6:15 AM ~ 4:00 PM

(1 Supervisor, 1 Technician, and 1 QA Engineer)

Neil Coy on site at 0615 hours. Supervised ICS/J&H installing piping, instruments and anchoring equipment inside TC Building. Supervised Jeffries installing electrical conduit and pulling wires. Jesse Hottenstein onsite to assist with plumbing. Debbie Taege onsite at 0815 for QC duties.

Innovative Construction Solutions, Inc. (ICS) 7:00 AM ~ 3:30 PM (1 supervisor, 1 technician)

On site at 0700 hours. Crew worked on pipefitting and instrumentation inside the TC Building:

1. Completed 1 ½" Schedule 80 PVC pipe from FTO to cooling tower (CT-201).
2. Installed 1 ½" PVC ball valve from domestic water supply to cooling tower (V-210 for CT-201)
3. Installed 1 ½" PVC ball valve from domestic water supply to cooler water tank (T-202).

RAPID RESPONSE QUALITY CONTROL DAILY REPORT CONT'D.

4. Installed 1 ½" PVC ball valve from domestic water supply to the FTO.
5. Installed sample ports on vapor manifold.
6. Removed blind flange from top of the vapor sumps and initiated piping in sump vaults.
7. Completed outside 1" PVC piping connections for sump pumps P-101 and P-102.

Jacob & Heffner 7:00 AM ~ 3:00 PM (6 technicians)

On site at 0700 hours.

1. Assisted ICS with piping (see ICS description).
2. Continued pump installation in the following wells: DB-11, DA-11, DB-10, DA-10, DB-9, and DA-9.

Jeffries Electrical 7:00 AM ~6:30 PM (1 supervisor, 2 technicians)

Jeffries Electric crew worked on the following:

1. Terminated instruments in the TC.
2. Terminated wires in control center.
3. Installed wiring to caustic pump (P-901).
4. Assembled float switches for condensate sumps.

ERM Quality Assurance/Quality Control Notes:

Continue work on punch list items. (These are ERM internal punch list items).

3. Complete and attach the daily personnel cost report at the end of this document and label as Appendix 1.

[PROVIDED IN SEPARATE BINDER]

4. On-site conditions which resulted in delayed progress:
None.

5. Type and results of inspections (indicate whether: P-Preparatory, I-Initial, or F-Final and include satisfactory work completed or deficiencies with action to be taken):

Deficiencies (Ongoing list and newly identified)

From 2/20/07: DA-10 outer containment pipe (6" schedule 40 PVC) between well vault and GW-3 header was repaired. Will backfill area when Bobcat returns for grading OR will backfill by hand, whatever is more feasible and quicker.

Foreseeable Issues

None

Certification: I CERTIFY THAT THE ABOVE REPORT IS COMPLETE AND CORRECT AND THAT I, OR MY AUTHORIZED REPRESENTATIVE, HAVE INSPECTED ALL WORK PERFORMED THIS DAY BY THE PRIMARY CONTRACTOR AND EACH SUBCONTRACTOR AND HAVE DETERMINED THAT ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP ARE IN STRICT COMPLIANCE WITH THE PLANS AND SPECIFICATIONS, EXCEPT AS NOTED ABOVE.

Mark Prostko

Contractor's designated quality control representative